

## GG S02.11 RRC

Article code: FBGG054730

### General information

|                             |                                     |
|-----------------------------|-------------------------------------|
| <b>Product group</b>        | High performance flat belts         |
| <b>Product sub type</b>     | Classic                             |
| <b>Industry segment</b>     | Paper & print; Postal automation    |
| <b>Main product feature</b> | Abrasion resistant, Shock absorbing |
| <b>Application</b>          | Mail handling, Paper processing     |
| <b>Indication of use</b>    | High efficient rubber cover         |

### Belt construction

|                             |                 |                |
|-----------------------------|-----------------|----------------|
| <b>Tension member</b>       |                 | Polyamide foil |
| <b>Top side</b>             | <b>material</b> | TNBR elastomer |
|                             | <b>finish</b>   | Rough          |
|                             | <b>color</b>    | grey           |
| <b>Bottom / Pulley side</b> | <b>material</b> | TNBR elastomer |
|                             | <b>finish</b>   | Rough          |
|                             | <b>color</b>    | grey           |

### Characteristics

|                             |     |
|-----------------------------|-----|
| <b>Food Grade (FG)</b>      | no  |
| <b>Antistatic (AS)</b>      | yes |
| <b>High conductive (HC)</b> | no  |

### Technical data

|   |              |                      |                       |                          |
|---|--------------|----------------------|-----------------------|--------------------------|
| <b>Belt thickness</b>                   | ISO 2286-3   |                      | 1.1 mm                | 0.04 in.                 |
| <b>Weight</b>                           | ISO 290703-1 |                      | 1.2 kg/m <sup>2</sup> | 0.25 lbs/ft <sup>2</sup> |
| <b>Force at 1% elongation</b>           | ISO 21181    | dynamic              | 2 N/mm                | 11.42 lbs/in.            |
| <b>Recommended elongation</b>           |              | min. / max.          | 2 / 3 %               |                          |
| <b>Coefficient of friction, dynamic</b> | ISO 21182    | bottom side to steel | 0,6                   |                          |
|   |              | top side to steel    | 0,6                   |                          |
| <b>Minimum pulley diameter</b>          | flexing      |                      | 10 mm                 | 0.39 in.                 |
|   | back flexing |                      | 10 mm                 | 0.39 in.                 |
| <b>Operating temperature</b>            | continuous   | from / to            | 0 / 80 °C             | 32 / 176 °F              |
| <b>Belt width</b>                       | standard     |                      | 570 mm                | 22.44 in.                |

### Fabrication

|                                  |                       |
|----------------------------------|-----------------------|
| <b>Recommended splice method</b> | WedgeSkive75D-0.5-1.4 |
|----------------------------------|-----------------------|

### Additional Information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning.

Consult our specialists for calculations with our E-RappCalc© technical calculation program.